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PATENT
Docket No. 27943-00416USP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#5

Applicant: Jan Lindquist et al.) Group Art Unit: 2664
Serial No.: 10/021,940) Examiner: Not Yet Assigned
Filed: December 12, 2001)

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Technology Center 2600

For: COMBINING NARROWBAND APPLICATIONS WITH BROADBAND
TRANSPORT

BOX IDS
Commissioner for Patents
Washington, D.C. 20231

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I hereby certify that this correspondence is being
deposited with the United States Postal Service as first
class mail in an envelope addressed to: Commissioner
for Patents, Washington, D.C. 20231,

on: MARCH 7, 2002

Signature DEBBIE HARGROVE

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicants submit this
statement. This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of
the Manual of Patent Examining Procedure.

Disclosed on the attached form PTO-1449 is a listing of the art references. The Examiner
is respectfully requested to consider each of the cited references and, after such consideration,
initial the enclosed Form PTO-1449 in the spaces provided next to each reference. Please return
a copy of the initialed Form PTO-1449 with the next communication transmitted to the
Applicants. For the convenience of the Examiner in considering the references, a copy of each
of the cited references are enclosed with this communication.

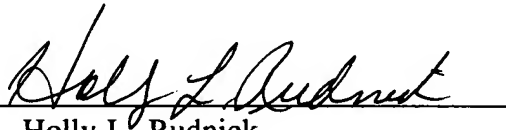
This statement is not to be construed as a representation that a search either has or has not been made.

Any markings, underlines, notations or the like present in any reference are not to be construed as drawing the Examiner's attention to or away from other parts or portions of the references.

Applicants hereby expressly reserve the right to swear behind the effective dates of any of the references. Applicants further reserve the right to question the relevance and materiality of the references in whole, in part or in combination subsequent to the filing of this statement.

Respectfully submitted,

By:



Holly L. Rudnick

Reg. No. 43,065

Dated: 3/7/02

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on: MARCH 7, 2002	<i>Debbie Hargrove</i>
Signature	DEBBIE HARGROVE

Re: Applicant(s): Jan Lindquist et al.
Serial No.: 10/021,940
Filing Date: December 12, 2001
For: COMBINING NARROWBAND APPLICATIONS WITH
BROADBAND TRANSPORT
Docket No.: 27943-00416USP2

Dear Sir:

Transmitted for filing with the Patent and Trademark Office are the following documents for the above-referenced patent application:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. References A-1 through A-4 and B-1 through B-2; and
4. Postcard Acknowledgment.

Please address all communications related to this to:

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In the event there is an under or over payment, please debit or credit our Deposit Account #10-0447.


Respectfully submitted,

Holly L. Rudnick
Holly L. Rudnick
Registration No. 43,065

Dated: 3/7/02

Form PTO-1449 Modified

Docket No.:
27943-00416USP2Serial No.:
10/021,940


 List of Patents and Publications
 Cited by Applicant
 (Use several sheets if necessary)

Applicants:
 Jan Lindquist et al.

U.S. Patent Department of Commerce
 Patent and Trademark Office

Filing Date:
 December 12, 2001

Group:
 2664

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	A-1	6,128,295	10/03/00	Larsson et al.	370	389
	A-2	6,041,109	03/21/00	Cardy et al.	379	201
	A-3	5,568,475	10/22/96	Doshi et al.	370	58.2
	A-4	5,483,527	01/09/96	Doshi et al.	370	60.1

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation
					Yes No
	B-1	WO 99/13679	03/18/99	PCT	X
	B-2	WO 98/28884	07/02/98	PCT	X

OTHER DOCUMENTS

Examiner Initial		Author, Title, Date, Pertinent Pages, Etc.

EXAMINER:

DATE CONSIDERED: